

## Help on PWS Well Distribution and Pumpage

This application, Jshape, allows you to view the location of public water supply wells, and withdrawal volume for each well, permit, or group of wells. The functions listed below enable you to select wells or a permit, summarize information about it, pan around the LEC map, or identify the selected wells.

The buttons labeled “1995 Base”, “2020 Base”, “2020 Base w/Res” and “LEC1” are the different PWS Well distributions used for each SFWMM or Groundwater Model Run. Click on the specific run button to view the wells for that Model Run.

### UnZoom

Zooms to full extent of the four LEC service areas.

### ZoomIn

Allows you to draw a zoom box on the map. You may need to zoom a few times before you get to your area of interest. You may find it best to create a vertical (taller than it is wide) zoom box.

### ZoomOut

Allows you to Zoom out the map.

### Pan

Allows you to drag the map in any direction desired.

### Identify

Allows you to click on a well for information. A pop up label shows you the wellfield / utility name at the bottom of the frame.

### Select

Allows you to draw a selection box and pick several wells. Selected wells turn yellow. See summarize below for information on calculating pumpage totals for selected wells.

### Clear

Clears the selected features and labels.

### Summarize

Summarizes the selected wells by calculating the total pumpage for selected wells. The results of the summary appear in the area below the map. Too many selected wells may cause summarize to hang. How many is too many? WASD wells can be summarized, but not all the wells for a county. See Select above for information on selecting a subset of wells for summarizing..

### Query

Allows you to select wells based on a key word. Enter the partial word or string in the cell next to the “Query” button, then click the “Query” button. For example:

“orr” will find, WASD-Alexander Orr

“wasd” will find all WASD wells.

If you then select summarize, the pertinent withdrawal information will be listed in the area below the map.

### Execute

Allows you to enter jshape program commands directly. Type “help” in the input window, the cell to the right of the “Query” button, and select Execute for more information.

For more information on jshape visit [www.jshape.com](http://www.jshape.com)